SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name : CMV gH pentamer complex
IUPAC name: -
Product number : CMV-PENT
CAS number: -
Company : The Native Antigen Company Ltd.
          Cherwell Innovation Centre
          Unit 77, Heyford Park
          Upper Heyford
          Oxfordshire, OX25 5HD
          United Kingdom
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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture
None identified

Label elements

Pictogram None
Signal word: None
Hazard statement(s) None
Precautionary statement(s) None
Hazard symbol(s) None
R-phrase(s) None
S-phrase(s) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

CMV gH/gL/UL128/UL130/UL131 pentameric protein complex, recombinant. Sample is of biological origin and is presented as a clear liquid in a plastic vial. Each vial contains no more than 1000µg.

Additional components present: Dulbecco’s modified Phosphate Buffered Saline pH 7.4.
4. FIRST AID MEASURES

If inhaled: If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly at eyewash station for at least 15 minutes and consult a physician.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters: Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: None.

Environmental precautions: Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up: Clean up using standard laboratory procedures.

7. HANDLING AND STORAGE

Precautions for safe handling: No precautions required.

Conditions for safe storage: Follow storage instructions on Certificate of Analysis.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection: Not required

Hand protection: Not required

Eye protection: Not required

Skin and body protection: Laboratory coat
Hygiene measures
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Colourless, clear liquid.

Safety data
pH: pH 7.4
Melting point: no data available
Boiling point: no data available
Flash point: no data available
Ignition temperature: no data available
Lower explosion limit: no data available
Upper explosion limit: no data available
Water solubility: soluble

10. STABILITY AND REACTIVITY

Chemical stability
Stable under recommended storage conditions.

Conditions to avoid
Avoid multiple freeze thaw cycles

Materials to avoid
Strong oxidizing agents, proteases.

Hazardous decomposition products
None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity
no data available

Skin corrosion/irritation
no data available

Serious eye damage/eye irritation
no data available

Respiratory or skin sensitization
no data available

Germ cell mutagenicity
no data available

Carcinogenicity
no data available

Reproductive toxicity
no data available

Aspiration hazard
Potential health effects
no data available

Signs and Symptoms of Exposure
no data available

Additional Information
no data available

12. ECOLOGICAL INFORMATION

Toxicity
no data available

Persistence and degradability
Protein degrades easily

Bioaccumulative potential
no data available

Mobility in soil
no data available

PBT and vPvB assessment
no data available

Other adverse effects
no data available

13. DISPOSAL CONSIDERATIONS

Product
Observe all federal, state, and local environmental regulations. No other special disposal conditions.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

No hazard

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

16. OTHER INFORMATION
None

Last update: 13 May 2014

Prepared by: The Native Antigen Company

Although the information, opinions and recommendations contained in this Safety Data Sheet are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information.